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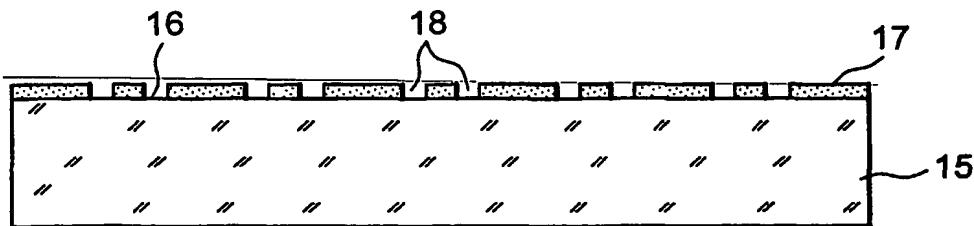
(72) Inventeurs; et

En ce qui concerne les codes à deux lettres et autres abréviations, se référer aux "Notes explicatives relatives aux codes et abréviations" figurant au début de chaque numéro ordinaire de la Gazette du PCT.

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(54) Title: METHOD FOR MAKING AN ANISOTROPIC CONDUCTIVE FILM WITH POINTED CONDUCTIVE INSERTS

(54) Titre : PROCÉDÉ DE FABRICATION DE FILM CONDUCTEUR ANISOTROPE A INSERTS CONDUCTEURS POINTUS



WO 2004/006324 A3

(57) Abstract: The invention concerns a method for making an anisotropic conductive film with pointed conductive inserts. The method comprises engraving at least one pattern (C1, K1) in a monocrystalline substrate (15) to form at least one cell (22, 26) having a base designed to form the contour of one end of an insert (23, 27). The formation of the pattern is designed to reveal at least one tip projecting in the base of the cell during engraving of the pattern in a crystallographic plane (100) of the substrate with planes (111) or (110) limiting the pattern. The invention is applicable to microconnectics.

(57) Abrégé : L'invention concerne un procédé de fabrication de film conducteur anisotrope à inserts conducteurs pointus. Le procédé comprend la gravure d'au moins un motif (C1, K1) dans un substrat monocrystallin (15) pour former au moins une alvéole (22, 26) ayant un fond destiné à dessiner le contour d'une extrémité d'un insert (23, 27). Le dessin du motif est destiné à faire apparaître au moins une pointe faisant saillie dans le fond de l'alvéole lors de la gravure du motif selon le plan cristallographique (100) du substrat avec des plans limitants (111) ou (110) du motif. L'invention s'applique à la microconnectique.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/02056

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L21/48 H01L21/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 766 618 A (COMMISSARIAT ENERGIE ATOMIQUE) 29 January 1999 (1999-01-29) cited in the application page 11, line 32 – page 12, line 32 page 14, line 30 – page 15, line 2 & US 5 135 606 A (KATO TOMOAKI ET AL) 4 August 1992 (1992-08-04)	1,2, 9-16, 19-24
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	"METHOD TO CONTROL THE GEOMETRY AND VERTICAL PROFILE OF VIA HOLES IN SUBSTRATE MATERIALS" 5 October 1992 (1992-10-05), IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, VOL. 35, NR. 5, PAGE(S) 211-216, XP000312938 ISSN: 0018-8689 the whole document -----	2

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C.(suite) DOCUMENTS CONSIDERES COMME PERTINENTS		
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